



BPA Environmental & Engineering, Inc.

John E. Palmer, P.G.
E.W. Scarlett, Jr., P.G.
R. Edward Hedgecock, P.E., P.G.

2641-G Randleman Road
Greensboro, NC 27406-5159
(910) 272-9713

February 7, 1997

Ms. Kelly C. Gage
Guilford County Department of Public Health
Division of Environmental Health
301 North Eugene Street
Greensboro, NC 27401

RE: Monitoring Well Application Permit and Fees for Existing Wells
Harold Hall Property, 106 Main Street, Jamestown, NC
Ground Water Incident #10002
BPA Project No. 0405.001

Dear Ms. Gage:

Enclosed is a monitoring well permit application and our check, Number 13329 for the \$200.00 monitoring well permit fee required as part of the monitoring well permit application. The application is being submitted on behalf of Mrs. Martha Hall for seven existing monitoring wells at the Harold Hall Property in Jamestown, North Carolina. Please call me if you require additional information, or have any questions.

Sincerely,

BPA ENVIRONMENTAL & ENGINEERING, INC.

Julia I. Geniac
Geologist

Enclosure

cc: M. Hall
K. Woosley

GUILFORD COUNTY
DEPARTMENT OF PUBLIC HEALTH
DIVISION OF ENVIRONMENTAL HEALTH
APPLICATION FOR PERMIT TO CONSTRUCT A MONITORING/RECOVERY
WELL SYSTEM

Date: February 7, 1997

In accordance with the provisions of the Guilford County Board of Health Rules and Regulations Governing the Construction and Abandonment of Monitoring and Recovery Wells, application is hereby made for a permit to construct monitoring/recovery wells.

1. Site Name: Harold Hall Property Incident #: 10002
2. Address of Well: 106 West Main Street, Jamestown, North Carolina
3. Name of Well Owner: Mrs. Martha Hall Telephone: (910) 494-2878
4. Owner's Mailing Address: P.O. Box 396, Jamestown, North Carolina 27282
5. Property Owner (if different from well owner): same
6. Property Owners' Mailing Address: same
7. Reason for Monitoring Well(s): petroleum hydrocarbon contamination
(e.g. nondischarge permit, suspected contamination, environmental assessment, etc.)
8. Type of facility for which the well is needed: underground storage tank
(e.g. nondischarge facility, waste disposal site, landfill, underground storage tank, etc.)
9. Contaminant type (if applicable): petroleum hydrocarbons
(e.g. nutrients, organics, heavy metals, etc.)
10. Are there existing recovery wells associated with the monitoring well(s)? no
If yes, how many? _____ Number of new/additional recovery well(s) to be installed _____
11. Distance to a known waste or pollution source: 18 to 280 feet
12. Are any water supply wells located <500 feet from the proposed well? no
If yes, give distance : _____ feet
13. Well Driller: Engineering Technics, P.A. (MW-1, -2 & -3)
Southwestern Geotech, Inc. (MW-4, -5, -6 & -7)
14. Registration #: E.T. - 835 / S.G. - 1373
E.T.: 11720 Vardgrave St., Winston-Salem, N.C.
15. Driller's Address: S.G. : unknown 27107
Telephone: E.T. : (910) 724-6994 / S.G. : unknown

Fee: \$ 200.00

Date Paid: 2-10-97

Receipt#: 15049

PROPOSED MONITORING/RECOVERY WELL CONSTRUCTION INFORMATION

1. Total number of wells ~~to be~~ constructed: 7 Number ~~to be~~ completed in bedrock: 1
Number ~~to be~~ completed in unconsolidated material: 6
2. Estimated depth of well(s): 16-53 feet
3. Gravel or sand pack interval (if appropriate): From ^(2 feet above top of screen) 3 feet to ^(bottom of screen/well) 53 feet
4. Type of casing used: PVC
(i.e. PVC, stainless steel, galvanized steel, etc.)
5. Diameter of casing: 2 inches Thickness of casing: Schedule 40 inches
6. How will the well(s) be secured? Locked well caps inside steel manholes with bolted covers
7. Beginning construction date: January 14, 1993
8. Completion date: January 25, 1994

ADDITIONAL INFORMATION

1. ATTACH A SITE MAP SHOWING THE LOCATIONS OF THE FOLLOWING:

- (a) PROPOSED MONITORING/RECOVERY WELL(S)
- (b) ALL EXISTING MONITORING/RECOVERY WELLS AND TEST BORINGS WITHIN THE PROPERTY BOUNDARY
- (c) ALL WATER SUPPLY WELLS WITHIN 500 FEET OF THE WELL
- (d) AT LEAST TWO REFERENCE POINTS (e.g. numbered roads, intersections, streams, etc.)

2. PROVIDE A WELL CONSTRUCTION DIAGRAM OF EACH WELL SHOWING DIAMETER, ESTIMATED DEPTH, SCREEN INTERVALS, SAND/GRAVEL PACKS, TYPE OF CASING MATERIAL, CASING WALL THICKNESS, WELL HEAD COMPLETION DETAILS, ETC.

The Applicant hereby agrees the proposed well(s) will be constructed in accordance with approved specifications and conditions of the Well Construction Permit as regulated under the Guilford County Board of Health Rules and Regulations Governing the Construction and Abandonment of Monitoring and Recovery Wells and accepts full responsibility for compliance with these rules.

John M. Stewart
Signature of Applicant or Agent

Geologist
Title

If the property is owned by someone other than the applicant, the property owner hereby consents to allow the applicant to construct monitoring wells as outlined in this application and that it shall be the responsibility of the applicant to ensure that these monitoring/recovery wells conform to the Guilford County Board of Health well construction standards.

Attach agreements.

Signature of Property Owner (if different from applicant)

ALLEN P. SMITH PROPERTY
(UNDEVELOPED)

APPROX. PROPERTY BOUNDARY

JOHN W. BLANCHARD PROPERTY
(FORMER CONVENIENCE STORE)

SAMUEL S. AND SHIRLEY B.
MCKAREM PROPERTY
(FORMER GAS STATION)

FORMER
DIESEL
FUEL
USTs

FORMER
KEROSENE AND
USED OIL USTs

FORMER
GASOLINE
USTs

DILLON'S
CITGO

OAKDALE ROAD







EXISTING
GASOLINE USTs

THOMAS C. RAGSDALE, JR.
AND JOHN R. RAGSDALE
PROPERTY

FRAME
SHOP

MARY E. RAGSDALE
PROPERTY

EXPLANATION

-  -- APPROXIMATE LOCATION
OF MONITORING WELL
-  -- FORMER LOCATION
OF CLOSED USTs
-  -- LOCATION OF
CURRENT USTs
-  -- AREA COVERED BY
PAVEMENT
-  -- FORMER FUEL PIPELINE
-  -- EXISTING FUEL PIPELINE

APPROX.
NORTH

0 60
FEET

REF.: GUILFORD COUNTY TAX MAP 94-7039,
JAMESTOWN TOWNSHIP AND SITE
VISITS BY GEONETICS PERSONNEL

KCS 9/22/94



GEONETICS CORPORATION

P.O. Box 1577 Boone, North Carolina 28607
704/265-1577

**HAROLD HALL PROPERTY
JAMESTOWN, NORTH CAROLINA**

JOB NO.
11594

SITE PLAN

FIGURE 3

WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502

PROJECT NUMBER: 11594

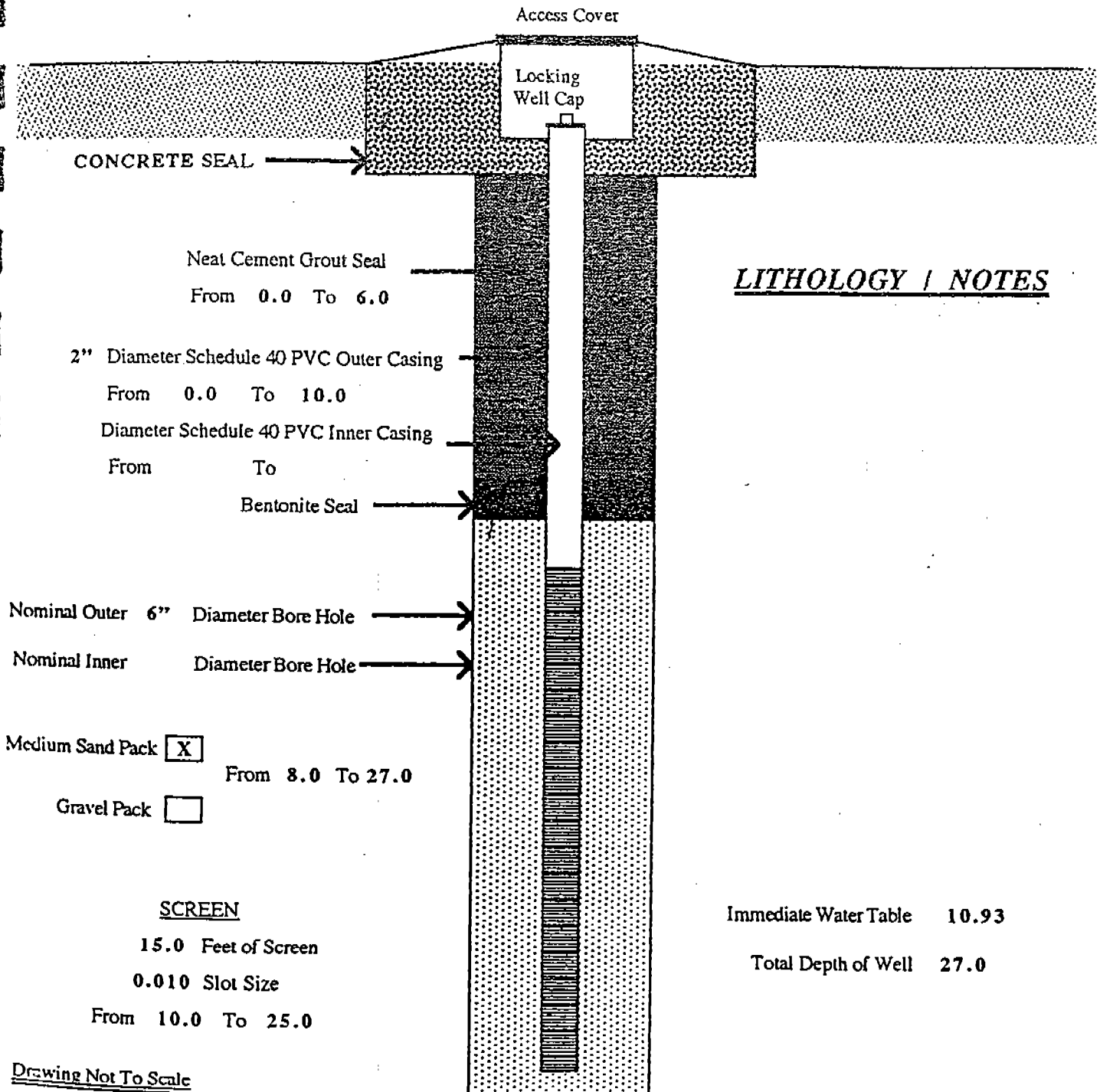
WELL NUMBER: MW-1

INSTALLATION DATE: 1/14/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502

PROJECT NUMBER: 11594

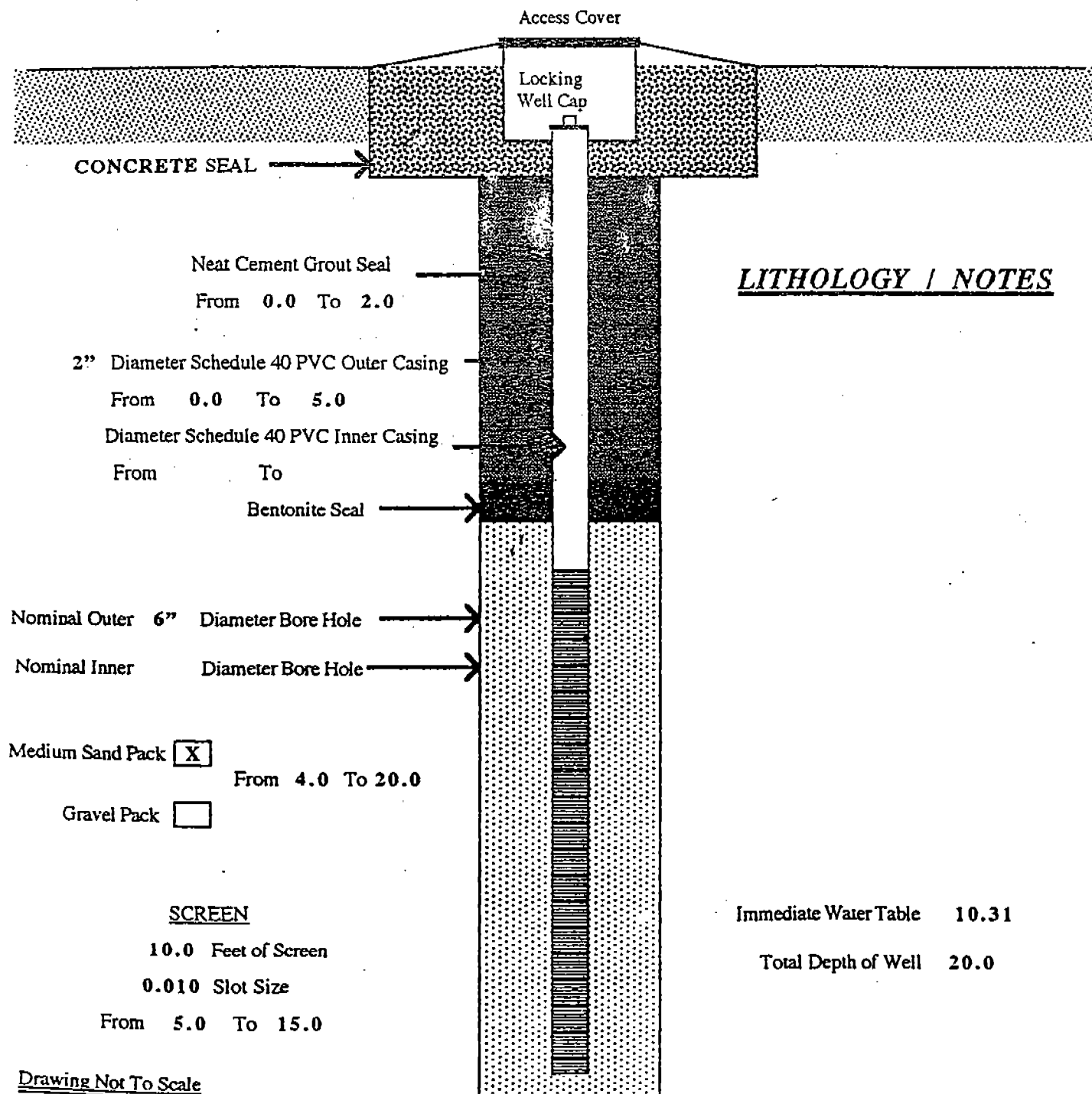
WELL NUMBER: MW-2

INSTALLATION DATE: 1/14/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502

PROJECT NUMBER: 11594

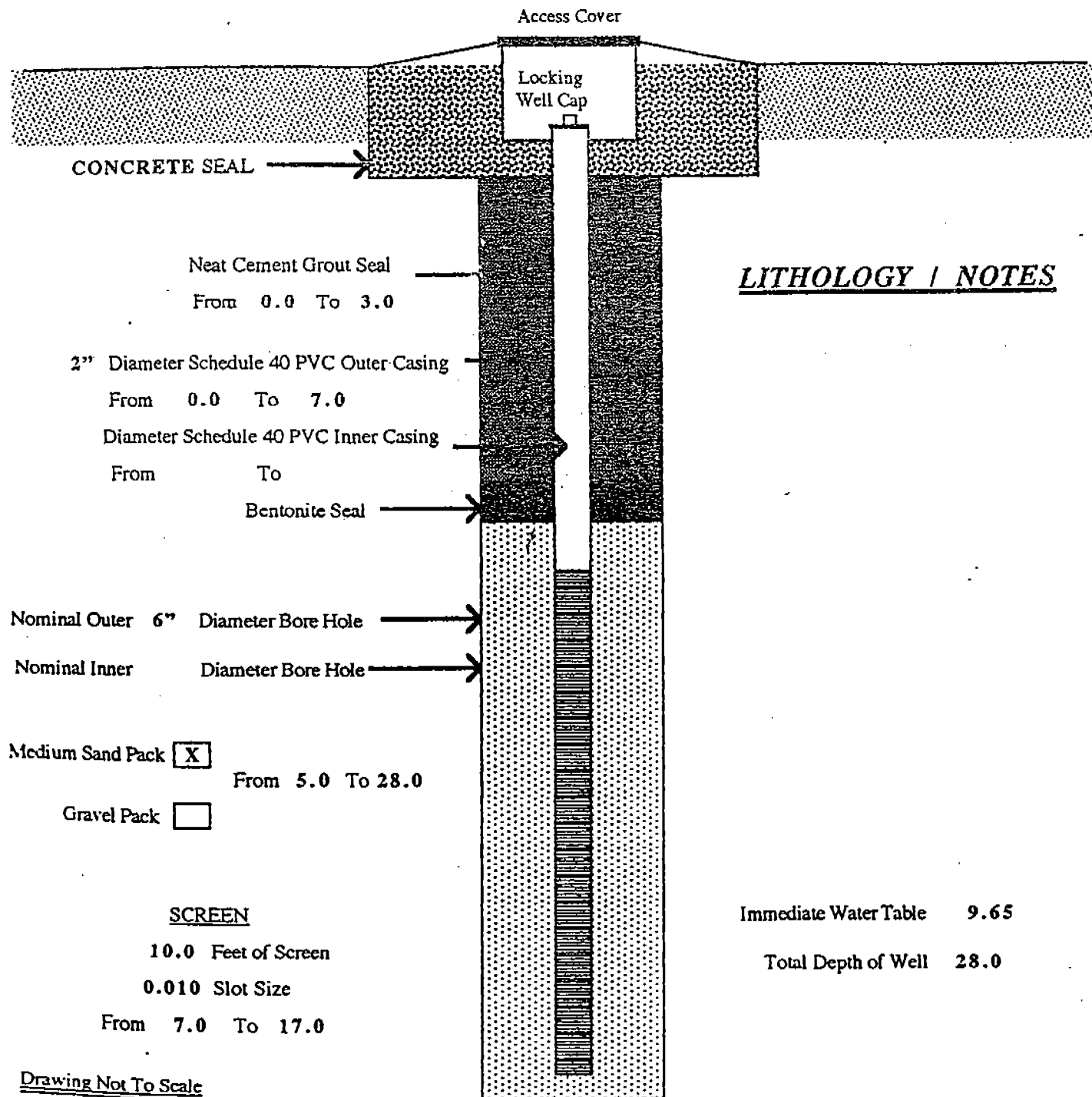
WELL NUMBER: MW-3

INSTALLATION DATE: 1/14/93

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford



WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: **401076WM0502** PROJECT NUMBER: **11594**

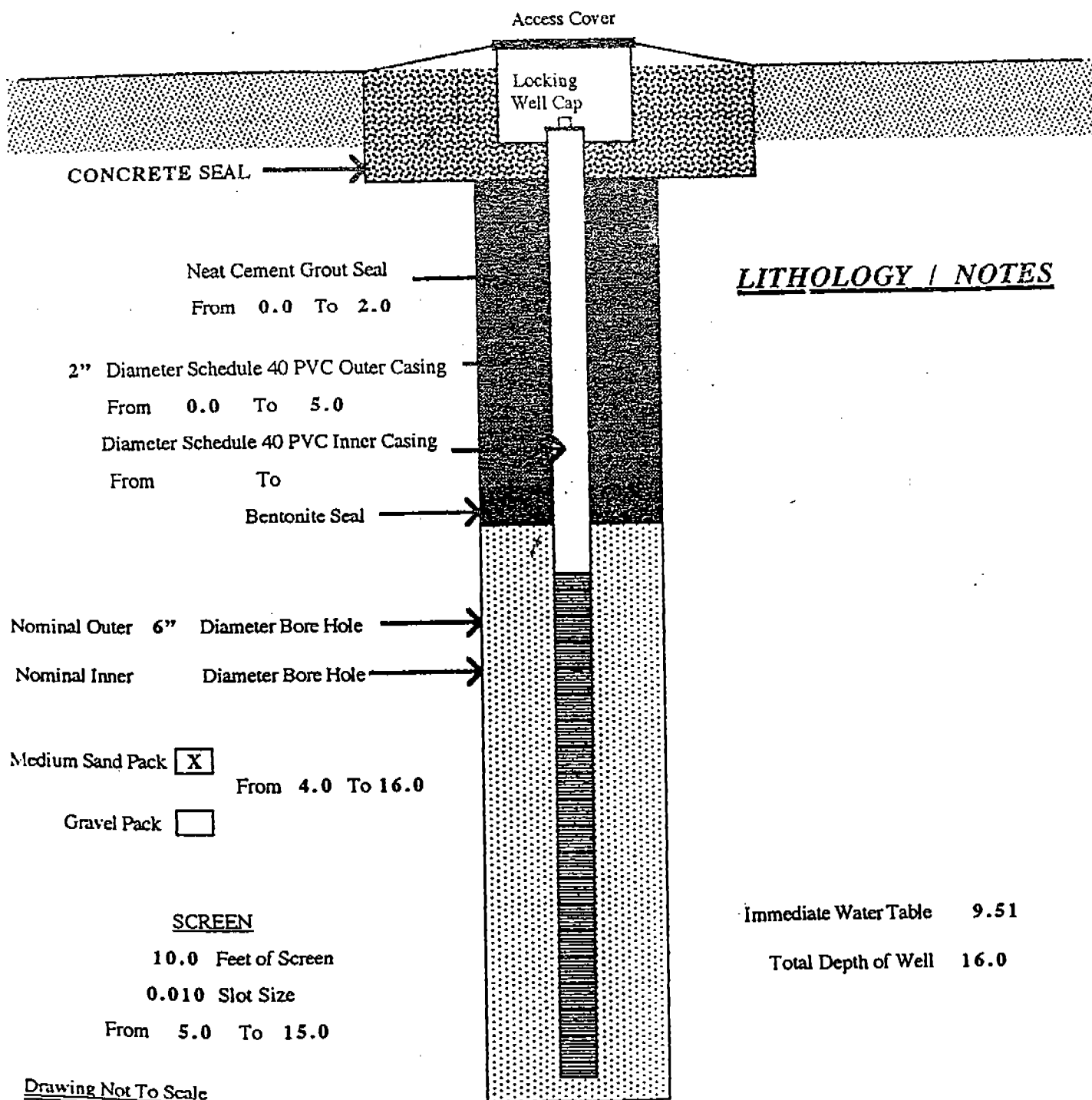
WELL NUMBER: **MW-4**

INSTALLATION DATE: **9/29/93**

CITY: **Jamestown, NC**

PROJECT LOCATION: **Harold Hall Property**

COUNTY: **Guilford**

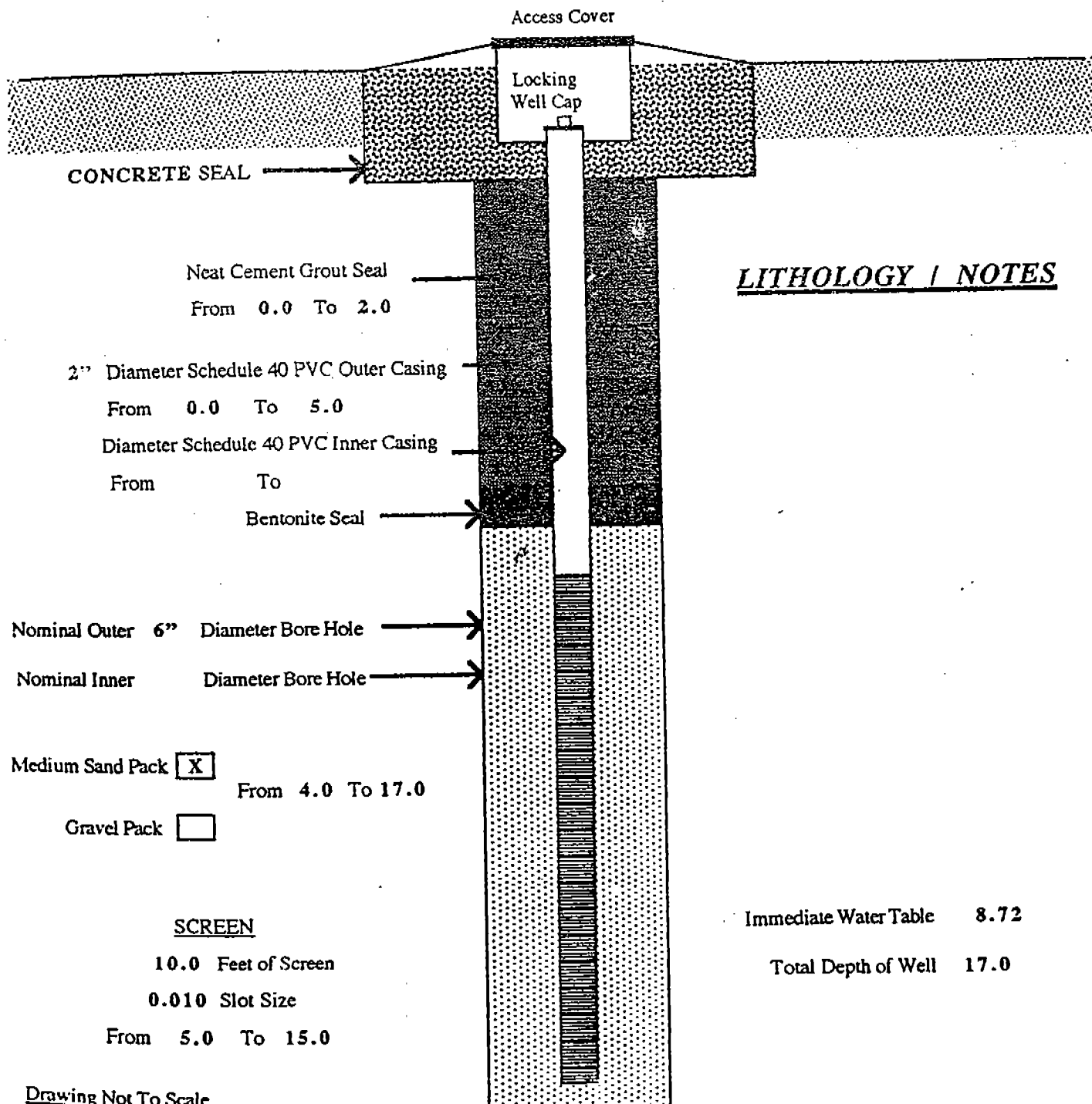


WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502 PROJECT NUMBER: 11594

WELL NUMBER: MW-5 INSTALLATION DATE: 9/29/93

CITY: Jamestown, NC
PROJECT LOCATION: Harold Hall Property
COUNTY: Guilford



WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502 PROJECT NUMBER: 11594

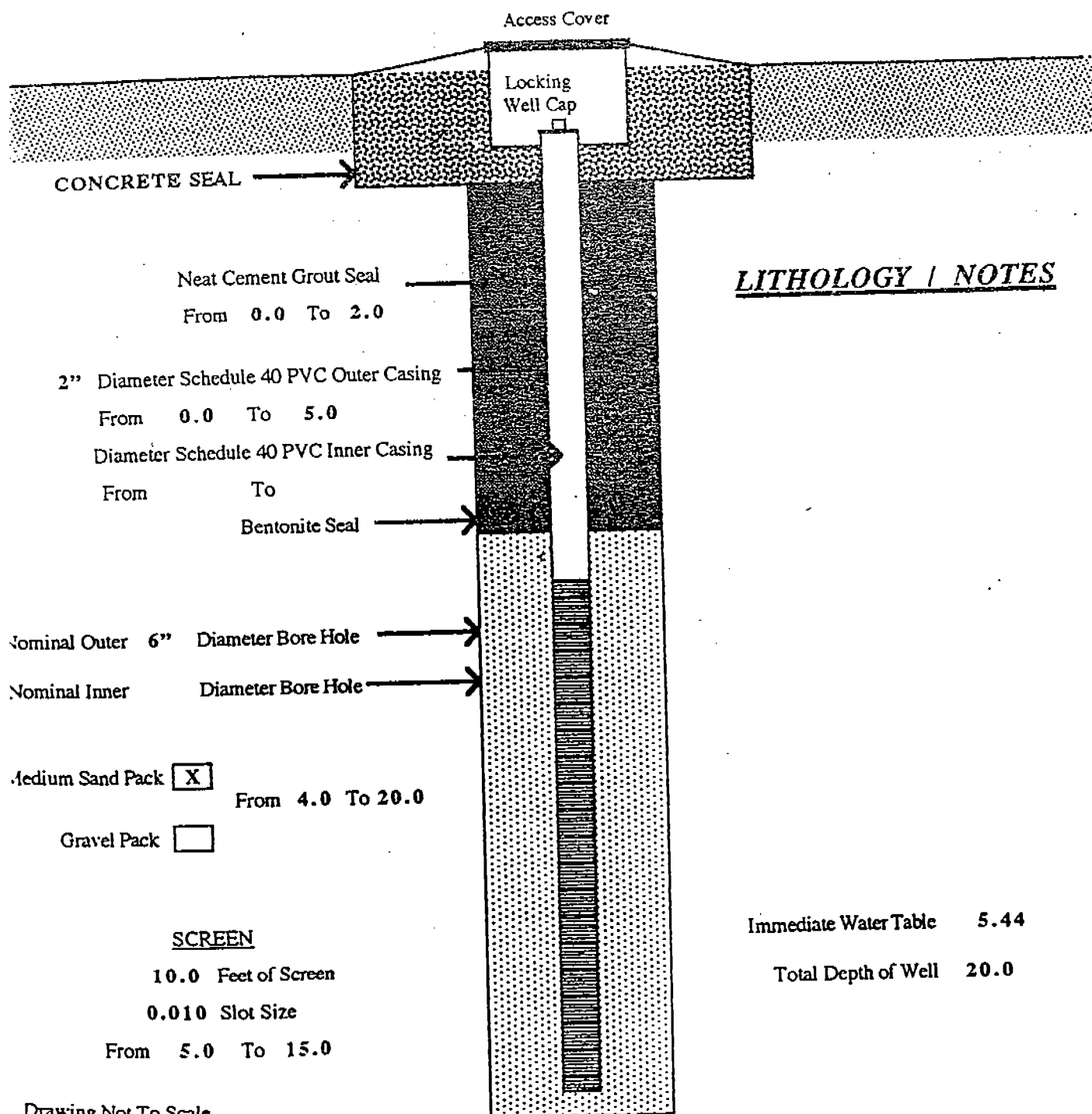
WELL NUMBER: MW-6

INSTALLATION DATE: 9/29/93

CITY: Jamestown, NC

SUBJECT LOCATION: Harold Hall Property

COUNTY: Guilford



WELL CONSTRUCTION AND DRILLING LOG

PERMIT NUMBER: 401076WM0502 PROJECT NUMBER: 11594

WELL NUMBER: MW-7

INSTALLATION DATE: 1/25/94

CITY: Jamestown, NC

PROJECT LOCATION: Harold Hall Property

COUNTY: Guilford

